

Abstract

A heat exchange device suited for use with a microturbine engine that includes a recuperator that discharges a flow of exhaust gas during operation. The device includes a heat exchanger housing having a first aperture, a second aperture, and a third aperture. A
5 heat exchanger is coupled to the heat exchanger housing adjacent the third aperture. A control member is coupled to the heat exchanger housing and is movable between a first position and a second position. The control member is operable to direct the flow of waste gas from the first aperture, through the heat exchanger, and to the third aperture when in the first position, and from the first aperture to the third aperture when in the
10 second position.